



| Length | 750-1800 | 1950-2400 | 2550-2700 | 2850-3000 | 3150-3600 | 3750-4200 | 4350-4800 | 4950-5400 |
|--------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| H (mm) | 231      | 231       | 232       | 232       | 232       | 232       | 232       | 232       |

**(L) Load SWL/UDL value (W) Weight (H) Height**

## PRODUCT ATTRIBUTES

|                                    |   |
|------------------------------------|---|
| <b>Brand</b>                       | Birtley   |
| <b>Generic Ref</b>                 | HD90  |
| <b>Product Range</b>               | Cavity Wall Lintels   |
| <b>Product Sub-range</b>           | 90-105mm Cavity   |
| <b>Product Type</b>                | Heavy Duty Cavity Wall Lintel - 100mm Inner leaf/100mm Outer Leaf                         |
| <b>European Standard/ETA</b>       | BS EN845-2:2013+A1:2016   |
| <b>Test Standard</b>               | EN846-9:2000/2016   |
| <b>Notified Body</b>               | Lucideon Ltd (NB 1289)  |
| <b>Material</b>                    | Mild Steel S275JR to BS EN10025-2:2004  |
| <b>Coating/Finish/Colour</b>       | 65µm Hot Dip Galvanized to BS EN ISO 1461:2009  |
| <b>Thermal Performance</b>         | Contact us for information  |
| <b>Insulation</b>                  | Expanded Polystyrene - BREEAM rating A+   |
| <b>Fire Rating</b>                 | 60 mins (with 2 coat plaster finish)  |
| <b>1. Installation requirement</b> | Bed fully on bricklaying mortar   |
| <b>2. Installation requirement</b> | Must be used with a cavity tray - External walls only                                     |
| <b>3. Installation requirement</b> | Not suitable for point loads or concrete floors   |
| <b>4. Installation requirement</b> | 150mm Minimum end bearing   |
| <b>Sales Qty</b>                   | 1   |
| <b>Packaging weight</b>            | 0   |
| <b>1. Features</b>                 | Supergalv coating offers superior life expectancy   |
| <b>2. Features</b>                 | Post-fabrication galvanizing leaves no surface with inferior paint protection             |
| <b>3. Features</b>                 | Lack of baseplate and factory fitted insulation reduces thermal bridging                  |
| <b>4. Features</b>                 | Structural grade steel to EN10025   |
| <b>5. Features</b>                 | Plaster key to inner leaf   |
| <b>Option 1</b>                    | Alternative material options: Ultragalv coating (150µm), Stainless Steel 1.4301 (304)     |
| <b>Option 2</b>                    | Outer Leaf Options: Reduced length flange (RFF), No rainwater drip (ND), Render mesh (MF) |

